

GenCore version 5.1.6
 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 05:41:51 ; Search time 39 Seconds

(without alignments)
 83.104 Million cell updates/sec

Title: US-09-638-693-36

Perfect score: 133 ONEICLTHPIKYIACMSA.....VIEPIVTNWQKLEAFWMHKH 133

Sequence: OLIGO Gapop 60.0 , Gapext 60.0

Searched: 1049977 seqs, 258955339 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Published_Applications_AA.*

1: /cgtr2_6/ptodata/1/pubpea/US07_PUBCOMB.pep:*

2: /cgtr2_6/ptodata/1/pubpea/PCT_NEW_PUB_pep:*

3: /cgtr2_6/ptodata/1/pubpea/US07_NEW_PUB_pep:*

4: /cgtr2_6/ptodata/1/pubpea/US06_PUBCOMB.pep:*

5: /cgtr2_6/ptodata/1/pubpea/US07_NEW_PUB_pep:*

6: /cgtr2_6/ptodata/1/pubpea/PCMSIS_PUBCOMB.pep:*

7: /cgtr2_6/ptodata/1/pubpea/US08_NEW_PUB_pep:*

8: /cgtr2_6/ptodata/1/pubpea/US08_PUBCOMB.pep:*

9: /cgtr2_6/ptodata/1/pubpea/US09_PUBCOMB.pep:*

10: /cgtr2_6/ptodata/1/pubpea/US09_PUBCOMB.pep:*

11: /cgtr2_6/ptodata/1/pubpea/US09_PUBCOMB.pep:*

12: /cgtr2_6/ptodata/1/pubpea/US09_NEW_PUB_pep:*

13: /cgtr2_6/ptodata/1/pubpea/US10_PUBCOMB.pep:*

14: /cgtr2_6/ptodata/1/pubpea/US10_PUBCOMB.pep:*

15: /cgtr2_6/ptodata/1/pubpea/US10C_PUBCOMB.pep:*

16: /cgtr2_6/ptodata/1/pubpea/US10C_NEW_PUB_pep:*

17: /cgtr2_6/ptodata/1/pubpea/US60_NEW_PUB_pep:*

18: /cgtr2_6/ptodata/1/pubpea/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match length	DB ID	Description
1	133	100.0	133	10 US-09-899-046-36 Sequence 36, Appl
2	133	100.0	133	10 US-09-878-281-36 Sequence 36, Appl
3	98	73.7	133	10 US-09-899-046-38 Sequence 38, Appl
4	98	73.7	133	10 US-09-899-046-40 Sequence 40, Appl
5	98	73.7	133	10 US-09-878-281-38 Sequence 40, Appl
6	98	73.7	133	10 US-09-878-281-40 Sequence 40, Appl
7	99	73.7	209	10 US-09-899-046-223 Sequence 223, Appl
8	98	73.7	209	10 US-09-878-281-223 Sequence 223, Appl
9	52	39.1	133	10 US-09-899-046-32 Sequence 32, Appl
10	52	39.1	133	10 US-09-899-046-34 Sequence 34, Appl
11	52	39.1	133	10 US-09-878-281-32 Sequence 32, Appl
12	52	39.1	133	10 US-09-878-281-34 Sequence 34, Appl
13	48	36.1	128	14 US-10-396-964-17 Sequence 17, Appl
14	41	30.8	829	9 US-09-881-339-4 Sequence 5, Appl
15	41	30.8	1099	9 US-09-881-654-4 Sequence 4, Appl

RESULT 1 US 09-899-046-36
 Sequence 36, Application US/09899046
 Publication No. US20030008274A1
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: New sequences of hepatitis C virus
 NUMBER OF SEQUENCES: 270
 TITLE OR INVENTION: Genotypes for diagnosis, prophylaxis and therapy.
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/899, 046
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/362, 455
 FILING DATE:
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 133 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-899-046-36

Query Match Best Local Similarity 100.0%; Pred. No. 1e-120; Matches 133; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ONEICLTHPIKYIACMSA.....VIEPIVTNWQKLEAFWMHKH 60
 Db 1 ONEICLTHPIKYIACMSA.....VIEPIVTNWQKLEAFWMHKH 60

QY 61 PAIPDPKEVKIQQDMECQSAPYIEAQVIAHQFKSKVGLQLRATOQQAVIEPIV 120

Db 61 PAIVPDKEVLYQQYDMEECSSQAAPYIEQAVIAHQFKVTLGLLQRATOQQAVIEPIVT 120 ; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-878-281-36
; Sequence 36, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878, 281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362, 455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-878-281-36
; Query Match 73.7%; Score 98; DB 10; Length 133;
; Best Local Similarity 100.0%; Pred. No. 7.4e-87;
; Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US20030032005A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899, 046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362, 455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-899-046-40
; Query Match 73.7%; Score 98; DB 10; Length 133;
; Best Local Similarity 100.0%; Pred. No. 7.4e-87;
; Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US20030032005A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899, 046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362, 455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 38:

RESULT 3
US-09-899-046-38
; Sequence 38, Application US/09899046
; Publication No. US2003008274A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899, 046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362, 455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 38:

RESULT 4
US-09-899-046-40
; Sequence 40, Application US/09899046
; Publication No. US2003008274A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899, 046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362, 455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-899-046-40
; Query Match 73.7%; Score 98; DB 10; Length 133;
; Best Local Similarity 100.0%; Pred. No. 7.4e-87;
; Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Publication No. US2003008274A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899, 046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362, 455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 38:

Qy 61 PAIVPDKEVLYQQYDEMEFCSQAQPYTFOAQVTAHQFK 98
 ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;|||
 Db 137 PATVPDKEVLYQQYDEMEFCSQAQPYTFOAQVIAHQFK 174
 ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;|||

RESULT 9

US-09-899-046-32

; Sequence 32, Application US/09899046
 ; Publication No. US20030008274A1

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: New sequences of hepatitis C virus
 NUMBER OF SEQUENCES: 270
 COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patient In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/899, 046

FILING DATE:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/362, 455

FILING DATE:

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 133 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-899-046-32

Query Match 39.1%; Score 52; DB 10; Length 133;

Best Local Similarity 100.0%; Pred. No. 2.4e-42; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 11 TKYIMACMSADLEVTTSTWLLGGVLAAYCLSVGVVIGHIELGGKPA 62
 ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;|||
 Db 11 TKYIMACMSADLEVTTSTWLLGGVLAAYCLSVGVVIGHIELGGKPA 62
 ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;|||

RESULT 11

US-09-878-281-32

; Sequence 31, Application US/09878281
 ; Publication No. US2003032005A1

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: New sequences of hepatitis C virus
 NUMBER OF SEQUENCES: 270
 COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patient In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/878, 281

FILING DATE:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/362, 455

FILING DATE:

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 133 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-878-281-32

Query Match 39.1%; Score 52; DB 10; Length 133;

Best Local Similarity 100.0%; Pred. No. 2.4e-42; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;|||
 Db 11 TKYIMACMSADLEVTTSTWLLGGVLAAYCLSVGVVIGHIELGGKPA 62
 ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;||||| ;|||

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878,281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-878-281-38

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60
Db 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60

Qy 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98
Db 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98

RESULT 6
US-09-878-281-40
; Sequence 40, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878,281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-878-281-40

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60
Db 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60

Qy 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98
Db 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98

RESULT 6
US-09-878-281-40
; Sequence 40, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878,281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-878-281-40

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60
Db 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60

Qy 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98
Db 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98

RESULT 6
US-09-878-281-40
; Sequence 40, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878,281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-878-281-40

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60
Db 1 QNEICLTHPTKYMACMSADLEVTTSTWILGGVIAALAYCISVGCVVIVGIELGK 60

Qy 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98
Db 61 PAIVPDKEVLYQYDMEECSQAQPYIEQAVIAHQFK 98

RESULT 7
US-09-899-046-223
; Sequence 223, Application US/09999046

```

Best Local Similarity 100.0%; Pred. No. 2.4e-42; Mismatches 0; Indels 0; Gaps 0; Matches 52; Conservative 0;

RESULT 13
US-10-396-964-17
; Sequence 17, Application US/10396964
; Publication No. US20030198946A1
GENERAL INFORMATION:
; APPLICANT: Simmonds, Peter
; APPLICANT: Chan, Shiu Wan
; APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seitzer, Park & Gibson, P.A.
STREET: 1211 East Morehead Street
CITY: Charlotte
STATE: No. US20030198946A1
COUNTRY: United States
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. Version #1.3.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/396,964
FILING DATE: 23-MARCH-2003
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
TELEFAX: 704-377-2014
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: Yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE: ;
ORGANISM: Hepatitis-C virus
US-10-396-964-17
Query Match 36.1%; Score 48; DB 14; Length 128;
Best Local Similarity 100.0%; Pred. No. 1.7e-38; Mismatches 0; Indels 0; Gaps 0;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 15 MACMSADLEVTSTWVLGGVTAATAYCISVGCVVIGHIELGKPA 62
Db 9 MACMSADLEVTSTWVLGGVTAATAYCISVGCVVIGHIELGKPA 56
RESULT 14
US-09-881-239-5
; Sequence 5, Application US/09881239
; Publication No. US20020192639A1
GENERAL INFORMATION:
; APPLICANT: CHIEN, David Y.
; APPLICANT: ARCANSE, Phillip
; APPLICANT: TANDESE, Laura
; APPLICANT: GEORGE-NASCIMENTO, Carlos
; APPLICANT: COIT, Doris
; APPLICANT: MEDINA-SELBY, Angelica
; TITLE OF INVENTION: HCV ANTIGEN/ANTIBODY COMBINATION ASSAY
FILE REFERENCE: 2102-16073 / PPI6073.003
CURRENT APPLICATION NUMBER: US/09/881,239
CURRENT FILING DATE: 2001-06-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 829
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MEFA 12
US-09-881-239-5
Query Match 30.8%; Score 41; DB 9; Length 1099;
Best Local Similarity 100.0%; Pred. No. 6.9e-31; Mismatches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 58 GGKPAIVPKEVIVQYDMEEMCSQAAPYEQAVIAHOFK 98
Db 748 GGKPAIVPKEVIVQYDMEEMCSQAAPYEQAVIAHOFK 788
Search completed: March 18, 2004, 05:47:26
Job time : 40 secs

Fri Mar 19 13:14:08 2004

us-09-638-693-36.rapb